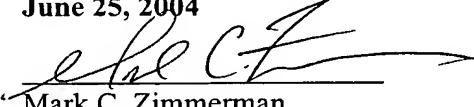




1FW

PATENT  
20067/OPP031484US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	)	I hereby certify that this paper is being
	)	deposited with the United States Postal
<b>Kwan-Ju KOH</b>	)	Service as first class mail, postage
	)	prepaid, in an envelope addressed to:
Serial No.: 10/749,608	)	Commissioner of Patents, P.O. Box 1450,
	)	Alexandria, Virginia 22313-1450 on this
Filed: December 30, 2003	)	date:
	)	
For: "Methods of Fabricating Non-	)	<b>June 25, 2004</b>
Volatile Memory Devices"	)	
	)	Mark C. Zimmerman
Group Art Unit: 2812	)	Registration No. 44,006
	)	Attorney for Applicant(s)
Examiner: Unknown	)	

REQUEST CORRECTION OF FILING RECEIPT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Attn: Office of Initial Patent Examination's Filing Receipt Corrections

Sir:

Applicant requests issuance of a corrected filing receipt that correctly identifies the filing date as:

"12/30/2003"

The filing receipt most recently issued by the Patent and Trademark Office (copy enclosed) incorrectly identifies the filing date as:

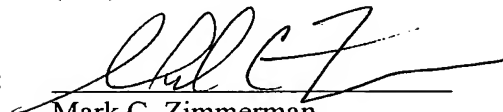
"12/31/2003"

Enclosed are copies of the Patent Application Transmittal and the express mail receipt showing that the application was, indeed, filed on **December 30, 2003**.

Respectfully submitted,

GROSSMAN & FLIGHT, LLC  
20 North Wacker Drive  
Suite 4220  
Chicago, Illinois 60606  
(312) 580-1020

By:

  
Mark C. Zimmerman  
Registration No. 44,006

**June 25, 2004**



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/749,608	12/31/2003 12/30/2003	2812	770	20067/OPP31484 US	3	9	1

GROSSMAN & FLIGHT LLC  
Suite 4220  
20 North Wacker Drive  
Chicago, IL 60606-6357

RECEIVED

MAY 06 2004

CONFIRMATION NO. 8525

FILING RECEIPT



\*OC000000012504520\*

GROSSMAN &amp; FLIGHT, LLC

Date Mailed: 05/03/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Kwan-Ju Koh, Bucheon-city, KOREA, REPUBLIC OF;

## Domestic Priority data as claimed by applicant

## Foreign Applications

REPUBLIC OF KOREA 10-2003-0006416 01/30/2003

If Required, Foreign Filing License Granted: 04/30/2004

Projected Publication Date: 08/12/2004

Non-Publication Request: No

Early Publication Request: No

## Title

Methods of fabricating non-volatile memory devices

## Preliminary Class

438

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

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**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No: 20067/OPP31484 US

PATENT APPLICATION TRANSMITTAL UNDER 37 C.F.R. 1.53

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the patent application of

Inventor: Kwan-Ju Koh

Title: METHODS OF FABRICATING NON-VOLATILE MEMORY DEVICES

1. Type of Application

- ☒ This is a new application for a  
☒ utility patent.

2. Application Papers Enclosed

- 1 Title Page  
5 Pages of Specification  
(excluding Claims, Abstract, Sequence Listing & Drawings)  
3 Pages of Claims  
1 Page of Abstract  
3 Sheets of Drawings (FIGS. 1 to 2f)  
☒ Formal  
☐ Informal

---

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this Patent Application Transmittal and the documents referred to as enclosed therewith are being deposited with the United States Postal Service on December 30, 2003 in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 utilizing the "Express Mail Post Office to Addressee" service of the United States Postal Service under Mailing Label No. EV 403728173 US.

  
Charissa D. Wheeler

EV403728173US

**3. Declaration or Oath**

- ☒ Enclosed
  - ☒ Executed by (check all applicable boxes)
    - ☒ Inventor
    - ☐ Legal representative of inventor(s)  
(37 CFR 1.42 or 1.43)
    - ☐ Joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.
    - ☐ The petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 are enclosed.  
See Item 5D below for fee.
  - ☐ Not enclosed - the undersigned attorney or agent is authorized to file this application on behalf of the applicant(s). An executed declaration will follow.

**4. Small Entity Status**

- ☐ Applicant claims small entity status. See 37 CFR 1.27.
- ☐ A small entity statement is(are) attached.

**5. Additional Papers Enclosed**

- ☐ Preliminary Amendment
- ☐ Information Disclosure Statement
- ☐ Declaration of Biological Deposit
- ☐ Computer readable copy of sequence listing containing nucleotide and/or amino acid sequence
- ☐ Microfiche computer program
- ☐ Associate Power of Attorney
- ☐ Verified translation of a non-English patent application
- ☐ An assignment of the invention
- ☐ Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i)
- ☒ Return receipt postcard
- ☐ Other

6. **Priority Applications Under 35 USC 119**

Certified copies of applications from which priority under 35 USC 119 is claimed are listed below and

- ☐ are attached.  
☒ will follow.

COUNTRY	APPLICATION NO.	FILED
Republic of Korea	10-2003-0006416	January 30, 2003

7. **Filing Fee Calculation (37 CFR 1.16)**

A. ☒ **Utility Application**

CLAIMS AS FILED - INCLUDING PRELIMINARY AMENDMENT(S) (IF ANY)						
			SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
BASIC FEE				\$385.00		\$770.00
TOTAL	9 - 20	= 0	X 9 =	\$	X 18 =	\$0.00
INDEP.	1 - 3	= 0	X 43 =	\$	X 86 =	\$0.00
First Presentation of Multiple Dependent Claim			+ 145 =	\$	+ 290 =	\$
Filing Fee:				\$	OR	\$770.00

- B. ☐ **Design Application (\$170.00/\$340.00)** Filing Fee: \$0.00  
C. ☐ **Plant Application (\$265.00/\$530.00)** Filing Fee: \$0.00  
D. **Other Fees**  
☐ Recording Assignment  
[Fee — \$40.00 per assignment] \$0.00  
☐ Petition fee for filing by other than all the inventors  
or person on behalf of the inventor where  
inventor refused to sign  
or cannot be reached [Fee — \$130.00] \$0.00  
☐ Other \$0.00

**Total Fees Enclosed \$770.00**

**8. Method of Payment of Fees**

- ☒ Enclosed check in the amount of: \$770.00
- ☐ Charge Deposit Account No. 50-2455 in the amount of: \$0.00  
A copy of this Transmittal is enclosed.
- ☐ Not enclosed

**9. Deposit Account and Refund Authorization**

The Commissioner is hereby authorized to charge any deficiency in the amount enclosed or any additional fees which may be required during the pendency of this application under 37 CFR 1.16 or 37 CFR 1.17 or under other applicable rules (except payment of issue fees), to Deposit Account No. 50-2455. A copy of this Transmittal is enclosed.

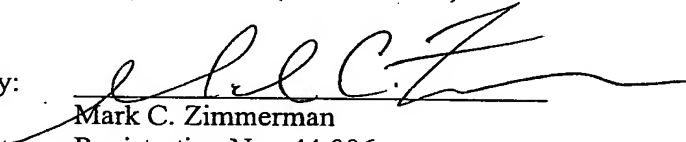
Please refund any overpayment to Grossman & Flight LLC at the address below.

**10. Correspondence Address**

Respectfully submitted,

GROSSMAN & FLIGHT LLC  
20 North Wacker Drive  
Suite 4220  
Chicago, Illinois 60606-6357  
(312) 580-1020  
(312) 580-9696 (Telefacsimile)

By:

  
Mark C. Zimmerman  
Registration No.: 44,006

**December 30, 2003**



